

DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
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April 13, 2006

03-Pla-80-R106.4/110.3, 111.4
03-0C7704

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in PLACER COUNTY NEAR KINGVALE FROM HAMPSHIRE ROCKS UNDERCROSSING TO TROY UNDERCROSSING AND AT KINGVALE UNDERCROSSING.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on April 25, 2006.

This addendum is being issued to revise the Project Plans, the Notice to Contractors and Special Provisions, the Proposal and Contract.

Project Plan Sheets 41, 115, 187, 188, 190 and 191 are revised. Half-sized copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheet 41A is added. Half-sized copy of the added sheet is attached for addition to the project plans.

In the Notice to Contractors, the tenth paragraph is deleted and the eleventh paragraph is revised as follows:

"This project is subject to the State Small Business Preference, Non-Small Business Subcontractor Preference, and California Company Reciprocal Preference."

In the Special Provisions, Section 2, "PROPOSAL REQUIREMENTS AND CONDITIONS," is revised in its entirety as attached.

In the Special Provisions, Section 3, "AWARD AND EXECUTION OF CONTRACT," is revised in its entirety as attached.

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In the Special Provisions, Section 5-1.08, "SUBCONTRACTOR AND DVBE RECORDS," is deleted.

In the Special Provisions, Section 5-1.086, "PERFORMANCE OF DVBE SUBCONTRACTORS AND SUPPLIERS," is deleted.

In the Special Provisions, Section 5-1.09, "SUBCONTRACTING," is replaced with the attached Section 5-1.09, "SUBCONTRACTING," Section 5-1.09A, "DVBE SUBCONTRACTING," and Section 5-1.09B, "NON-SMALL BUSINESS SUBCONTRACTING."

In the Special Provisions, Section 5-1.14, "COMPENSATION ADJUSTMENTS FOR PRICE INDEX FLUCTUATIONS," the item code for Asphalt Concrete (Type A) in the table following the first paragraph is revised to 390102.

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," paragraphs 10 and 11 are replaced with the following:

"Portland cement concrete pavement, polyester concrete overlay work, crack existing concrete pavement, cold plane asphalt concrete pavement, and asphalt concrete overlay shall be completed in full segments as shown on the stage construction sheets during the same construction season, between April 15 and October 15 of any year. A full segment begins and ends when the finished grade of the roadway (travel way including shoulders) conforms to the original grade.

Earthwork related to shoulder widening may be partially completed in the construction season prior to portland cement concrete pavement work and must be brought flush with the existing adjacent pavement surface in accordance with "Maintaining Traffic" of these special provisions."

In the Special Provisions, Section 10-1.24, "MAINTAINING TRAFFIC," the following paragraph is added after the ninth paragraph:

"The detour shown on the plans shall only be in effect during the period of ramp closures at Hampshire Rocks and shall be for ramp and local traffic only."

In the Special Provisions, Section 10-1.27, "TEMPORARY PAVEMENT DELINEATION," under subsection "TEMPORARY EDGE LINE DELINEATION," the last sentence of the second paragraph is deleted.

In the Special Provisions, Section 10-1.27, "TEMPORARY PAVEMENT DELINEATION," under subsection "TEMPORARY TRAFFIC STRIPE (PAINT)," the first paragraph is revised as follows:

"Temporary traffic stripe consisting of painted traffic stripe shall be applied and maintained at the locations shown on the plans. The painted temporary traffic stripe shall be complete in place at the location shown prior to opening the traveled way to public traffic. Removal of painted temporary traffic stripe will not be required for the Stage 2 bond breaker surface. Removal of painted temporary traffic stripe will be required for the Stage 3 final PCC surface."

In the Special Provisions, Section 10-1.44, "ASPHALT CONCRETE," is replaced with Section 10-1.44, "ASPHALT CONCRETE," as attached.

In the Special Provisions, Section 10-1.45, "ASPHALT CONCRETE (MISCELLANEOUS AREAS)," Section 10-1.47, "RECYCLED ASPHALT CONCRETE (CONTRACTOR OPTION)," and Section 11-1, "QUALITY CONTROL/QUALITY ASSURANCE," are deleted.

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In the Special Provisions, Section 10-1.48, "PORTLAND CEMENT CONCRETE DIKE," is replaced with Section 10-1.48, "PORTLAND CEMENT CONCRETE DIKE," as attached.

In the Special Provisions, Section 10-1.525, "DISPOSAL OF PORTLAND CEMENT CONCRETE (PCC) PAVEMENT GROOVING AND GRINDING RESIDUES," is added as attached.

In the Proposal and Contract, the Engineer's Estimate Items 44, 68, 76, 81 are revised, items 154 and 155 are added, and item 153 is deleted as attached.

In the Proposal and Contract, the form titled, "REQUEST FOR SMALL BUSINESS PREFERENCE," is replaced with the form titled, "REQUEST FOR SMALL BUSINESS PREFERENCE ON NON-SMALL BUSINESS SUBCONTRACTOR PREFERENCE," as attached.

In the Proposal and Contract, the form titled, "CALTRANS BIDDER-DVBE-INFORMATION," is revised as attached.

In the Proposal and Contract, the form titled, "CALTRANS BIDDER-SMALL BIDDER CONTRACTOR-INFORMATION," is added as attached.

To Proposal and Contract book holders:

Replace pages 5, 6, 7 and 10 of the Engineer's Estimate in the Proposal with the attached revised pages 5, 6, 7 and 10 of the Engineer's Estimate. The revised Engineer's Estimate is to be used in the bid.

Inquiries or questions in regard to this addendum must be communicated as a bidder inquiry and must be made as noted in the NOTICE TO CONTRACTORS section of the Notice to Contractors and Special Provisions.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This office is sending this addendum by UPS overnight mail to Proposal and Contract book holders to ensure that each receives it. A copy of this addendum is available for the contractor's use on the Internet Site:

http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addendum_page.html

If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY

REBECCA D. HARNAGEL, Chief
Office of Plans, Specifications & Estimates
Office Engineer

Attachments

SECTION 2. PROPOSAL REQUIREMENTS AND CONDITIONS

2-1.01 GENERAL

The bidder's attention is directed to the provisions in Section 2, "Proposal Requirements and Conditions," of the Standard Specifications and these special provisions for the requirements and conditions which the bidder must observe in the preparation of the proposal form and the submission of the bid.

The bidder shall complete the "List of Subcontractors" form in the Proposal and Contract book, listing the name, address, and portion of work to be performed by each subcontractor listed. In addition to the subcontractors required to be listed in conformance with Section 2-1.054, "Required Listing of Proposed Subcontractors," of the Standard Specifications, the bidder shall list on this form each first tier Disabled Veteran Business Enterprise subcontractor to be used for credit in meeting the goal. A first tier subcontractor is one to whom the bidder proposes to directly subcontract portions of the work.

The Bidder's Bond form mentioned in the last paragraph in Section 2-1.07, "Proposal Guaranty," of the Standard Specifications will be found following the signature page of the Proposal.

Submit request for substitution of an "or equal" item, and the data substantiating the request to the Department of Transportation, P.O. Box 911, Marysville, CA 95901, Attn: NRCO/Contract Administration Engineer, so that the request is received by the Department by close of business on the fourth day, not including Saturdays, Sundays and legal holidays, following bid opening.

In conformance with Public Contract Code Section 7106, a Noncollusion Affidavit is included in the Proposal. Signing the Proposal shall also constitute signature of the Noncollusion Affidavit.

Failure of the bidder to fulfill the requirements of the Special Provisions for submittals required to be furnished after bid opening, (including but not limited to DVBE submittals, and escrowed bid documents or prequalification materials when required), may subject the bidder to a determination of the bidder's responsibility in the event it is the apparent low bidder on any subsequent public works contracts.

2-1.02 DISABLED VETERAN BUSINESS ENTERPRISE (DVBE)

It is the policy of the Department that Disabled Veteran Business Enterprises (DVBEs) shall be provided the opportunity for full participation in the performance of contracts financed solely with state funds. The Contractor shall take all necessary and reasonable steps to ensure that DVBEs have such opportunity to participate in the performance of this contract. The Contractor shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of subcontracts.

It is the bidder's responsibility to make a sufficient portion of the work available to subcontractors and suppliers and to select those portions of the work or material needs consistent with the available DVBE subcontractors and suppliers, so as to assure meeting the goal for DVBE participation or to provide information to establish that, prior to bidding, the bidder made good faith efforts to do so.

Section 999, et seq., of the Military and Veterans Code sets forth requirements for DVBE participation goals, summarized as follows:

- A. "Disabled Veteran Business Enterprise" (DVBE) means a business concern certified as a DVBE by the Office of Small Business and DVBE Services, Department of General Services.
- B. DVBEs must be certified on the date bids for the project are opened before credit may be allowed toward the DVBE goal. It is the Contractor's responsibility to verify that DVBEs are certified.
- C. The disabled veteran business owner must be domiciled in the State of California.
- D. A DVBE may participate as a prime contractor, as a subcontractor, as a joint venture partner with a prime or subcontractor, or as a vendor of material or supplies.
- E. The DVBE must perform a commercially useful function, that is, be responsible for the execution of a distinct element of the work and carry out its responsibility by actually performing, managing, or supervising the work. An extra participant will not be considered to perform a commercially useful function.
- F. Credit for DVBE prime contractors will be 100 percent of the contract price.
- G. Credit for participation of a DVBE subcontractor, supplier, or broker will be 100 percent provided such DVBE is performing a commercially useful function.
- H. A DVBE broker shall submit the required declarations and federal tax returns at the time of performance.

Failure to carry out the requirements of Section 999, et seq., of the Military and Veterans Code shall constitute a material breach of this contract and may result in termination of the contract or other remedy the Department deems appropriate.

A DVBE joint venture partner must be responsible for specific contract items of work, or portions thereof. The DVBE joint venture partner must share in the ownership, control, management responsibilities, risks, and profits of the joint venture. The DVBE joint venture must submit the joint venture agreement with the Caltrans Bidder DVBE Information form required in Section 2-1.04, "Submission of DVBE Information," elsewhere in these special provisions.

Section 10115 of the Public Contract Code requires the Department to establish a goal for Disabled Veteran Business Enterprise (DVBE) participation in contracts.

2-1.02A DVBE GOAL FOR THIS PROJECT

The Disabled Veteran Business Enterprise (DVBE) participation goal for this project: 3 percent.

The Office of Small Business and DVBE Services, Department of General Services, is located at 707 Third Street, West Sacramento, CA 95605. It may be contacted at (800) 559-5529 or (916) 375-4940 or its internet web site at <http://www.pd.dgs.ca.gov/smbus/default.htm> for program information.

2-1.02B SUBMISSION OF DVBE INFORMATION

The required DVBE information shall be submitted on the "CALTRANS BIDDER - DVBE INFORMATION" form included in the Proposal. If this information is not submitted with the bid, the DVBE information forms shall be removed from the documents prior to submitting the bid.

If the DVBE information is not submitted with the bid, the apparent successful bidder (low bidder), the second low bidder and the third low bidder shall submit the DVBE information to the Department of Transportation, 1120 N Street, Room 0200, MS #26, Sacramento, California 95814 so the information is received by the Department no later than 4:00 p.m. on the fourth day, not including Saturdays, Sundays and legal holidays, following bid opening. Failure to submit the required DVBE information by the time specified will be grounds for finding the bid or proposal nonresponsive. Other bidders need not submit DVBE information unless requested to do so by the Department.

The bidder's DVBE information shall establish that either it met the goal or that, prior to bidding, it made good faith efforts to meet the goal. Information demonstrating that a good faith effort to meet the DVBE goal has been made by the bidder shall be submitted on the "DVBE INFORMATION GOOD FAITH EFFORTS" form included in the Proposal.

Bidders are cautioned that even though their submittal indicates they will meet the stated DVBE goal, their submittal should also include their good faith efforts information along with their DVBE goal information to protect their eligibility for award of the contract in the event the Department, in its review, finds that the goal has not been met.

The bidder's DVBE information shall include the names of all DVBE firms that will participate, with a complete description of work or supplies to be provided by each and the dollar value of each DVBE transaction. When 100 percent of a contract item of work is not to be performed or furnished by a DVBE, a description of the exact portion of that work to be performed or furnished by that DVBE shall be included in the DVBE information, including the planned location of that work.

A bidder shall be deemed to have made good faith efforts if, within the time specified by the Department, it submits documentary evidence that all of the following actions were taken:

- A. Contact was made with the Office of Small Business and DVBE services, Department of General Services or their web site at <http://www.pd.dgs.ca.gov/smbus/default.htm> to identify Disabled Veteran Business Enterprises.
- B. Advertising was published in trade media and media focusing on Disabled Veteran Business Enterprises, unless time limits imposed by the Department do not permit that advertising.
- C. Invitations to bid were submitted to potential Disabled Veteran Business Enterprise contractors.
- D. Available Disabled Veteran Business Enterprises were considered.

2-1.03 SMALL BUSINESS AND NON-SMALL BUSINESS SUBCONTRACTOR PREFERENCES

Attention is directed to the Small Business Procurement and Contract Act, Government Code Section 14835, et seq. and to the Small Business regulations at Title 2, California Code of Regulations, Section 1896, et seq.

Bidders, subcontractors, and suppliers who wish to be certified as Small Businesses under the provisions of those laws and regulations, shall be certified as Small Business by the Office of Small Business and DVBE Services, Department of General Services, 707 Third Street, West Sacramento, CA 95605.

Attention is directed to "Award and Execution of Contract" of these special provisions.

2-1.03A SMALL BUSINESS PREFERENCE

To request Small Business Preference, bidders shall fill out and sign the "Request for Small Business Preference and Non-small Business Subcontractor Preference" form in the Proposal and shall attach a copy of their Office of Small Business and DVBE Services small business certification letter to the form. The bidder's signature on the "Request for Small Business Preference" certifies that the bidder is certified as a Small Business at the time and day of bid opening or has applied for certification and is subsequently certified by the Department of General Services.

2-1.03B NON-SMALL BUSINESS SUBCONTRACTOR PREFERENCE

To request Non-small Business Subcontractor Preference, bidders shall fill out and sign the "Request for Small Business Preference and Non-small Business Subcontractor Preference" form in the Proposal. The bidder's signature certifies that the bidder commits to subcontract at least 25 percent of its bid amount with one or more subcontractors or suppliers that are certified as Small Businesses.

The bidder shall also fill out the "CALTRANS BIDDER – SMALL BUSINESS SUBCONTRACTOR - INFORMATION" form. If the Small Business Subcontractor information is not submitted with the bid, the form shall be removed from the documents and submitted in the same time and manner specified for DVBE information in "Submission of DVBE Information" of these special provisions. The bidder shall attach a copy of the Office of Small Business and DVBE Services small business certification letter for each listed subcontractor or supplier, to the form. The listed subcontractors and suppliers shall be certified as Small Business at the time and day of bid opening or have applied for certification and are subsequently certified by the Department of General Services. Each listed subcontractors or supplier shall be designated to perform a commercially useful function.

2-1.04 CALIFORNIA COMPANY PREFERENCE

Attention is directed to "Award and Execution of Contract" of these special provisions.

In conformance with the requirements of Section 6107 of the Public Contract Code, a "California company" will be granted a reciprocal preference for bid comparison purposes as against a nonresident contractor from any state that gives or requires a preference to be given contractors from that state on its public entity construction contracts.

A "California company" means a sole proprietorship, partnership, joint venture, corporation, or other business entity that was a licensed California contractor on the date when bids for the public contract were opened and meets one of the following:

- A. Has its principal place of business in California.
- B. Has its principal place of business in a state in which there is no local contractor preference on construction contracts.
- C. Has its principal place of business in a state in which there is a local contractor construction preference and the contractor has paid not less than \$5000 in sales or use taxes to California for construction related activity for each of the five years immediately preceding the submission of the bid.

To carry out the "California company" reciprocal preference requirements of Section 6107 of the Public Contract Code, all bidders shall fill out and sign the California Company Preference form in the Proposal. The bidder's signature on the California Company Preference form certifies, under penalty of perjury, that the bidder is or is not a "California company" and if not, the amount of the preference applied by the state of the nonresident Contractor.

A nonresident Contractor shall disclose any and all bid preferences provided to the nonresident Contractor by the state or country in which the nonresident Contractor has its principal place of business.

Proposals without the California Company Preference form filled out and signed may be rejected.

SECTION 3. AWARD AND EXECUTION OF CONTRACT

The bidder's attention is directed to the provisions in Section 3, "Award and Execution of Contract," of the Standard Specifications and these special provisions for the requirements and conditions concerning award and execution of contract.

Bid protests are to be delivered to the following address: Department of Transportation, MS 43, Attn: Office Engineer, 1727 30th Street, Sacramento, CA 95816 or by facsimile to the Office Engineer at (916) 227-6282.

The award of the contract, if made, will be to the lowest responsible bidder whose proposal complies with all the requirements prescribed and who has met the goal for DVBE participation or has demonstrated, to the satisfaction of the Department, good faith efforts to do so.

The contract shall be executed by the successful bidder and shall be returned, together with the contract bonds, to the Department so that it is received within 10 days, not including Saturdays, Sundays and legal holidays, after the bidder has received the contract for execution. Failure to do so shall be just cause for forfeiture of the proposal guaranty. The executed contract documents shall be delivered to the following address: Department of Transportation MS 43, Attn: Office Engineer, 1727 30th Street, Sacramento, CA 95816.

A "Payee Data Record" form will be included in the contract documents to be executed by the successful bidder. The purpose of the form is to facilitate the collection of taxpayer identification data. The form shall be completed and returned to the Department by the successful bidder with the executed contract and contract bonds. For the purposes of the form, payee shall be deemed to mean the successful bidder. The form is not to be completed for subcontractors or suppliers. Failure to complete and return the "Payee Data Record" form to the Department as provided herein will result in the retention of 20 percent of payments due the contractor and penalties of up to \$20,000. This retention of payments for failure to complete the "Payee Data Record" form is in addition to any other retention of payments due the Contractor.

Attention is also directed to "Small Business and Non-small Business Subcontractor Preferences" of these special provisions.

A bidder who is certified as a Small Business by the Office of Small Business and DVBE Services, Department of General Services, will be allowed a preference in the award of this contract under the following conditions:

- A. The bidder filled out and signed the "Request for Small Business Preference and Non-small Business Subcontractor Preference" form, requesting Small Business preference, and attached a copy of its Office of Small Business and DVBE Services small business certification letter to the form; and
- B. The apparent low bidder is not certified as a Small Business.

A bidder who is not certified as a Small Business by the Office of Small Business and DVBE Services, Department of General Services, will be allowed a preference in the award of this contract under the following conditions:

- A. The bidder filled out and signed the "Request for Small Business Preference and Non-small Business Subcontractor Preference" form, requesting Non-small Business Subcontractor preference and notifying the Department that it commits to subcontract at least 25 percent of its bid amount with one or more Small Businesses, and submitted the "CALTRANS BIDDER – SMALL BUSINESS SUBCONTRACTOR – INFORMATION" form listing the subcontractors and suppliers it commits to subcontract with; and
- B. The apparent low bidder is not certified as a Small Business, and has not filled out and signed the "Request for Small Business Preference and Non-small Business Subcontractor Preference."

The small business preference will be a reduction in the bid submitted by the small business contractor, for bid comparison purposes, by an amount equal to 5 percent of the amount bid by the apparent low bidder, the amount not to exceed \$50,000. If this reduction results in the small business contractor becoming the low bidder, then the contract will be awarded to the small business contractor on the basis of the actual bid of the small business contractor notwithstanding the reduced bid price used for bid comparison purposes.

The Non-Small Business Subcontractor preference will be a reduction in the bid submitted by the Non-small Business contractor requesting the preference, for bid comparison purposes, by an amount equal to 5 percent of the amount bid by the apparent low bidder, the amount not to exceed \$50,000. If this reduction results in the Non-small Business contractor requesting the preference becoming the low bidder, or in a precise tie with a Non-small Business apparent low bidder not requesting the preference, then the contract will be awarded to the Non-small Business contractor requesting the preference on the basis of its actual bid notwithstanding the reduced bid price used for bid comparison purposes. Application of the Non-Small Business Subcontractor preference shall not result in the displacement of a Small Business in winning the award.

Attention is also directed to "California Company Preference" of these special provisions.

The amount of the California company reciprocal preference shall be equal to the amount of the preference applied by the state of the nonresident contractor with the lowest responsive bid, except where the "California company" is eligible for a California Small Business Preference or a California Non-small Business Subcontractor Preference, in which case the preference applied shall be the greater of the two, but not both.

If the bidder submitting the lowest responsive bid is not a "California company" and with the benefit of the reciprocal preference, a "California company's" responsive bid is equal to or less than the original lowest responsive bid, the "California company" will be awarded the contract at its submitted bid price except as provided below.

Small business bidders shall have precedence over nonsmall business bidders in that the application of the "California company" preference for which nonsmall business bidders may be eligible shall not result in the denial of the award to a small business bidder.

DVBE bidders shall have precedence over non-DVBE bidders in that in the event the application of the small business preference to more than one bidder results in a precise tie in the bid amounts used for comparison purposes, the award shall go to the DVBE that is also a small business. This precedence shall not apply to the application of the California company reciprocal preference.

5-1.09 SUBCONTRACTING

Attention is directed to the provisions in Section 8-1.01, "Subcontracting," of the Standard Specifications, Section 2, "Proposal Requirements and Conditions," and Section 3, "Award and Execution of Contract," of these special provisions.

Pursuant to the provisions in Section 1777.1 of the Labor Code, the Labor Commissioner publishes and distributes a list of contractors ineligible to perform work as a subcontractor on a public works project. This list of debarred contractors is available from the Department of Industrial Relations web site at:

<http://www.dir.ca.gov/DLSE/Debar.html>.

Unauthorized substitution of a listed subcontractor may constitute a violation of the "Subletting and Subcontracting Fair Practices Act" and may subject the contractor to the penalties imposed therein.

5-1.09A DVBE SUBCONTRACTING

The DVBEs listed by the Contractor in response to the provisions in Section 2-1.02B, "Submission of DVBE Information," and Section 3, "Award and Execution of Contract," of these special provisions, which are determined by the Department to be certified DVBEs, shall perform the work and supply the materials for which they are listed, unless the Contractor has received prior written authorization to perform the work with other forces or to obtain the materials from other sources.

Unauthorized substitution of a DVBE may also constitute a violation of California Code of Regulations Section 1896.64. The Contractor shall not be entitled to payment for the work or material unless it is performed or supplied by the listed DVBE or by other forces (including those of the Contractor) pursuant to prior written authorization of the Engineer.

The provisions in Section 2-1.02, "Disabled Veteran Business Enterprise (DVBE)," of these special provisions that DVBEs shall be certified on the date bids are opened does not apply to substitutions after award of the contract.

The Contractor shall maintain records of all subcontracts entered into with certified DVBE subcontractors and records of materials purchased from certified DVBE suppliers. The records shall show the name and business address of each DVBE subcontractor or vendor and the total dollar amount actually paid each DVBE subcontractor or vendor.

The Contractor agrees that the awarding department will have the right to review, obtain and copy all records pertaining to performance of DVBEs during the contract. The Contractor agrees to provide the awarding department with any relevant information requested and shall permit access to its premises, upon reasonable notice, during normal business hours for the purpose of interviewing employees and inspecting and copying such books, records, accounts and other material that may be relevant to a matter under investigation for the purpose of determining compliance with Public Contract Code Section 10115 et seq. The Contractor further agrees to maintain such records for a period of three (3) years after final payment under the contract.

5-1.09B NON-SMALL BUSINESS SUBCONTRACTING

The Small Business subcontractors listed by the Contractor in response to the provisions in Section 2-1.03B, "Non-small Business Subcontractor Preference," and Section 3, "Award and Execution of Contract," of these special provisions, which are determined by the Department to be certified as Small Business, shall perform the work and supply the materials for which they are listed, unless the Contractor has received prior written authorization to perform the work with other forces or to obtain the materials from other sources.

Unauthorized substitution of a Small Business subcontractor may also constitute a violation of California Code of Regulations Section 1896.10 and may subject the contractor to the sanctions referenced therein.

The provisions in Section 2-1.03B, "Non-small Business Subcontractor Preference," of these special provisions that Small Business subcontractors shall be certified on the date bids are opened does not apply to substitutions after award of the contract.

The Contractor shall maintain records of all subcontracts entered into with certified Small Business subcontractors and records of materials purchased from certified Small Business suppliers. The records shall show the name and business address of each Small Business subcontractor or vendor and the total dollar amount actually paid each Small Business subcontractor or vendor.

The Contractor agrees that the awarding department will have the right to review, obtain and copy all records pertaining to performance of Small Businesses during the contract. The Contractor agrees to provide the awarding department with any relevant information requested and shall permit access to its premises, upon reasonable notice, during normal business hours for the purpose of interviewing employees and inspecting and copying such books, records, accounts and other material that may be relevant to a matter under investigation for the purpose of determining compliance with California Code of Regulations Section 1896, et seq. The Contractor further agrees to maintain such records for a period of three (3) years after final payment under the contract.

10-1.44 ASPHALT CONCRETE

Asphalt concrete shall be Type A and shall conform to the provisions in Section 39, "Asphalt Concrete," of the Standard Specifications and these special provisions.

The grade of asphalt binder to be mixed with aggregate for Type A asphalt concrete shall be Grade PBA 6b conforming to the provisions in Section 92, "Asphalts," of the Standard Specifications.

The amount of asphalt binder used in asphalt concrete placed in dikes, gutters, gutter flares, overside drains and aprons at the ends of drainage structures shall be increased one percent by mass of the aggregate over the amount of asphalt binder determined for use in asphalt concrete placed on the traveled way.

The aggregate for Type A asphalt concrete shall conform to the 19 mm maximum, medium grading specified in Section 39-2.02, "Aggregate," of the Standard Specifications.

The asphalt content of the asphalt mixture will be determined in conformance with the requirements in California Test 379, or in conformance with the requirements in California Test 382.

SURFACE TOLERANCE FOR AC PLACED UNDER PORTLAND CEMENT CONCRETE PAVEMENT

When asphalt concrete is placed as a subgrade under the portland cement concrete pavement the finished surface of the asphalt concrete shall not extend above the grade established by the Engineer or more than 30 mm below the grade established by the Engineer.

Areas of the finished asphalt concrete higher than the grade established by the Engineer shall be ground until the surface of asphalt concrete subgrade conforms to the tolerances specified. Grinding equipment shall be power driven and specifically designed to produce a smooth surface that conforms to the straight edge requirements specified in Section 39-6.03, "Compacting" of the Standard Specifications. The ground area of asphalt concrete that is to be covered with portland cement concrete pavement shall be cleaned of all foreign material and grinding residue, and be free of holes, ridges or other defects prior to placement of portland cement concrete pavement. The ground asphalt concrete shall be weighed and the amount shall be deducted from the asphalt concrete item payment.

Areas of the finished asphalt concrete with a surface lower than 30 mm below the grade established by the Engineer shall be filled with asphalt concrete. This filling will be compensated at the contract item price for Asphalt Concrete.

Areas of the finished Asphalt Concrete which are between 0 mm and 30 mm below the grade established by the Engineer shall be filled with portland cement concrete at the time and in the same operation that the portland cement concrete pavement is placed.

Full compensation for this filling will be considered as included in the contract price paid per cubic meter for Concrete Pavement and no additional compensation will be allowed therefor.

Paint binder (tack coat) shall be applied to existing surfaces to be surfaced and between layers of asphalt concrete, except when eliminated by the Engineer.

Paint binder (tack coat) shall be, at the option of the Contractor, either slow-setting asphaltic emulsion, rapid-setting asphaltic emulsion or paving asphalt. Slow-setting asphaltic emulsion and rapid-setting asphaltic emulsion shall conform to the provisions in Section 39-4.02, "Prime Coat and Paint Binder (Tack Coat)," and the provisions in Section 94, "Asphaltic Emulsions," of the Standard Specifications. When paving asphalt is used for paint binder, the grade will be determined by the Engineer. Paving asphalt shall conform to the provisions in Section 39-4.02, "Prime Coat and Paint Binder (Tack Coat)," and the provisions in Section 92, "Asphalts," of the Standard Specifications.

Paint binder (tack coat) shall be applied in the liter per square meter range limits specified for the surfaces to receive asphalt concrete in the tables below. The exact application rate within the range will be determined by the Engineer.

Application Rates for Asphaltic Emulsion Paint Binder (Tack Coat) on Asphalt Concrete (except Open Graded) and on Portland Cement Concrete Pavement (PCCP)		
Type of surface to receive paint binder (tack coat)	Slow-Setting Asphaltic Emulsion L/m ² (Note A)	Rapid-Setting Asphaltic Emulsion L/m ² (Note B)
Dense, compact surfaces, between layers, and on PCCP	0.20 – 0.35	0.10 – 0.20
Open textured, or dry, aged surfaces	0.35 – 0.90	0.20 – 0.40

Note A: Slow-setting asphaltic emulsion is asphaltic emulsion diluted with additional water. Water shall be added and mixed with the asphaltic emulsion (containing up to 43 percent water) so the resulting mixture contains one part asphaltic emulsion and not more than one part added water. The water shall be added by the emulsion producer or at a facility that has the capability to mix or agitate the combined blend.

Note B: Undiluted rapid-setting asphaltic emulsion.

Application Rates for Paint Binder (Tack Coat) on Asphalt Concrete (except Open Graded) and on Portland Cement Concrete Pavement (PCCP)	
Type of surface to receive paint binder (tack coat)	Paving Asphalt L/m ²
Dense, compact surfaces, between layers, and on PCCP	0.05 – 0.10
Open textured, or dry, aged surfaces	0.10 – 0.25

When asphaltic emulsion is used as paint binder (tack coat), asphalt concrete shall not be placed until the applied asphaltic emulsion has completely changed color from brown to black.

Asphalt concrete placed in layers of 45 mm or less in compacted thickness or widths of less than 1.5 m shall be spread and compacted with the equipment and by the methods conforming to the provisions in Section 39, "Asphalt Concrete," of the Standard Specifications. Other asphalt concrete shall be compacted and finished in conformance with the provisions in Section 39 and the following:

- A. The provisions in Section 39-5.02, "Compacting Equipment," of the Standard Specifications shall not apply.
- B. The Contractor shall furnish a sufficient number of rollers to obtain the compaction specified in these special provisions and the surface finish required by the Standard Specifications and these special provisions.
- C. Rollers shall be equipped with pads and water systems that prevent sticking of asphalt mixtures to the pneumatic-tired or steel-tired wheels. A parting agent that will not damage the asphalt mixture may be used.
- D. The second paragraph in Section 39-6.01, "General Requirements," of the Standard Specifications shall not apply.
- E. Asphalt concrete and asphalt concrete base shall be compacted by any means to obtain the specified relative compaction before the temperature of the mixture drops below 65°C. Additional rolling to achieve the specified relative compaction will not be permitted after the temperature of the mixture drops below 65°C or once the pavement is opened to public traffic. When vibratory rollers are used as finish rollers the vibratory unit shall be turned off.
- F. The fifth and seventh through tenth paragraphs of Section 39-6.03, "Compacting," of the Standard Specifications shall not apply.
- G. Asphalt concrete and asphalt concrete base shall be compacted to a relative compaction of not less than 96.0 percent and shall be finished to the lines, grades, and cross section shown on the plans. In-place density of asphalt concrete and asphalt concrete base will be determined prior to opening the pavement to public traffic.
- H. Relative compaction will be determined by California Test 375.
- I. If the test results for a quantity of asphalt concrete or asphalt concrete base indicate that the relative compaction is below 96.0 percent, the Contractor will be notified. Asphalt concrete or asphalt concrete base spreading operations shall not continue until the Contractor has notified the Engineer of the adjustment that will be made in order to meet the specified relative compaction.
- J. If the test results for a quantity of asphalt concrete or asphalt concrete base indicate that the relative compaction is less than 96.0 percent, the asphalt concrete or asphalt concrete base represented by that quantity shall be removed, except as otherwise provided in these special provisions. If requested by the Contractor and approved by the Engineer, asphalt concrete or asphalt concrete base with a relative compaction of 93.0 percent or greater may remain in place and the Contractor shall pay to the State the amount of reduced compensation for the quantity with relative compaction less than 96.0 percent and greater than or equal to 93.0 percent. The Department will deduct the amount of reduced compensation from moneys due, or that may become due, the Contractor under the contract. The amount of reduced compensation the Contractor shall pay to the State will be calculated using the total tonnes in the quantity with relative compaction less than 96.0 percent and greater than or equal to 93.0 percent multiplied by the contract price per tonne for asphalt concrete or asphalt concrete base involved multiplied by the following compensation factors:

Relative Compaction (Percent)	Reduced Compensation Factor	Relative Compaction (Percent)	Reduced Compensation Factor
96.0	0.000	94.4	0.062
95.9	0.002	94.3	0.068
95.8	0.004	94.2	0.075
95.7	0.006	94.1	0.082
95.6	0.009	94.0	0.090
95.5	0.012	93.9	0.098
95.4	0.015	93.8	0.108
95.3	0.018	93.7	0.118
95.2	0.022	93.6	0.129
95.1	0.026	93.5	0.142
95.0	0.030	93.4	0.157
94.9	0.034	93.3	0.175
94.8	0.039	93.2	0.196
94.7	0.044	93.1	0.225
94.6	0.050	93.0	0.300
94.5	0.056		

The miscellaneous areas to be paid for at the contract price per square meter for place asphalt concrete (miscellaneous area), in addition to the prices paid for the materials involved, shall be limited to the areas listed on the plans.

Aggregate for asphalt concrete dikes shall be in conformance with the provisions for 9.5-mm Maximum grading in Section 39-2.02, "Aggregate," of the Standard Specifications.

If the Contractor selects the batch mixing method, asphalt concrete shall be produced by the automatic batch mixing method in conformance with the provisions in Section 39-3.03A(2), "Automatic Proportioning," of the Standard Specifications.

If the finished surface of the asphalt concrete on Route 80 traffic lanes does not meet the specified surface tolerances, the surfacing shall be brought within tolerance by either (1) abrasive grinding (with fog seal coat on the areas which have been ground), (2) removal and replacement or (3) placing an overlay of asphalt concrete. The method will be selected by the Engineer. The corrective work shall be at the Contractor's expense.

If abrasive grinding is used to bring the finished surface to the specified surface tolerances, additional grinding shall be performed, as necessary, to extend the area ground in each lateral direction so that the lateral limits of grinding are at a constant offset from, and parallel to, the nearest lane line or pavement edge, and in each longitudinal direction so that the grinding begins and ends at lines normal to the pavement centerline, within any ground area. Ground areas shall be neat rectangular areas of uniform surface appearance. Abrasive grinding shall conform to the provisions in the first paragraph and the last 4 paragraphs in Section 42-2.02, "Construction," of the Standard Specifications.

In addition to the provisions listed in Section 39, "Asphalt Concrete," of the Standard Specifications, the asphalt concrete shall conform to the following quality requirement when mixed with the asphalt used on the job in the amount determined to be optimum by California Test 367:

Test	California Test	Requirement
Surface Abrasion	360	Loss not to exceed 0.4g/cm ²

In addition to the provisions in Section 39-5.01, "Spreading Equipment," of the Standard Specifications, asphalt paving equipment shall be equipped with automatic screed controls and a sensing device or devices.

When placing asphalt concrete to the lines and grades established by the Engineer, the automatic controls shall control the longitudinal grade and transverse slope of the screed. Grade and slope references shall be furnished, installed, and maintained by the Contractor. Should the Contractor elect to use a ski device, the minimum length of the ski device shall be 9 m. The ski device shall be a rigid one piece unit and the entire length shall be utilized in activating the sensor.

When placing the initial mat of asphalt concrete on existing pavement, the end of the screed nearest the centerline shall be controlled by a sensor activated by a ski device not less than 9 m long. The end of the screed farthest from centerline shall be controlled by a sensor activated by a similar ski device.

When paving contiguously with previously placed mats, the end of the screed adjacent to the previously placed mat shall be controlled by a sensor that responds to the grade of the previously placed mat and will reproduce the grade in the new mat within a 3-mm tolerance. The end of the screed farthest from the previously placed mat shall be controlled in the same way it was controlled when placing the initial mat.

Should the methods and equipment furnished by the Contractor fail to produce a layer of asphalt concrete conforming to the provisions, including straightedge tolerance, of Section 39-6.03, "Compacting," of the Standard Specifications, the paving operations shall be discontinued and the Contractor shall modify the equipment or methods, or furnish substitute equipment.

Should the automatic screed controls fail to operate properly during a day's work, the Contractor may manually control the spreading equipment for the remainder of that day. However, the equipment shall be corrected or replaced with alternative automatically controlled equipment conforming to the provisions in this section before starting another day's work.

The area to which paint binder has been applied shall be closed to public traffic. Care shall be taken to avoid tracking binder material onto existing pavement surfaces beyond the limits of construction.

A vertical longitudinal joint of more than 45 mm will not be allowed at any time between adjacent lanes open to public traffic.

The Contractor shall schedule paving operations so that each layer of asphalt concrete is placed on contiguous lanes of the traveled way during each work shift. At the end of each work shift, the distance between the ends of the layers of asphalt concrete on adjacent lanes shall not be greater than 3 m or less than 1.5 m. Additional asphalt concrete shall be placed along the transverse edge at the end of each lane and along the exposed longitudinal edges between adjacent lanes, hand raked, and compacted to form temporary conforms. Kraft paper, or other approved bond breaker, may be placed under the conform tapers to facilitate the removal of the taper when paving operations resume.

Shoulders or median borders adjacent to a lane being paved shall be surfaced prior to opening the lane to public traffic.

10-1.48 PORTLAND CEMENT CONCRETE DIKE

This work shall consist of constructing concrete dike of form and dimensions shown on the plans, and as specified in these special provisions.

This work shall be constructed of portland cement concrete and shall conform to the provisions in Section 40, "Portland Cement Concrete Pavement," of the Standard Specifications and in conformance with the provisions in "Jointed Plain Concrete Pavement" of these special provisions and these special provisions. Reinforcement shall be epoxy coated and shall conform to the provisions in Section 52, "Reinforcement," of the Standard Specifications.

Concrete dikes shall be constructed by using an extrusion machine or slip-form paver. The concrete shall be of such consistency that the concrete will maintain the shape of the dike without support. The concrete shall contain the maximum amount of water that will permit this result.

Concrete shall be fed to the extrusion machine at a uniform rate. The machine shall be operated under sufficient uniform restraint to forward motion to produce a well compacted mass of concrete free from surface pits larger than 5 mm in diameter and requiring no further finishing, other than light brushing with a brush filled with water only. Finishing with a brush application of grout will not be permitted.

Equipment for slip-forming dikes shall be controlled automatically for alignment, grade and cross slope by sensing from preset string lines, or by string line control of alignment and grade and automatic cross-slope control. Equipment for slip-forming dikes shall have traveling forms of dimension, shape and strength necessary for the concrete to fully fill the key and to produce the required cross section of the dike. The equipment shall spread, consolidate and finish the concrete so that a minimum of handwork will be required to produce a dense, homogeneous concrete true to grade and cross section. Concrete shall be consolidated effectively by internal vibrators, or by other means approved by the Engineer.

Transverse weakened plane and expansion joints shall be constructed in the concrete dike in accordance with the provisions in Section 73-1.05A, "Fixed-Form Curb Construction," of the Standard Specifications or shall be constructed by sawing through the dike section to its full depth. These joints shall be constructed at the same locations as the portland cement concrete pavement joints on which it is placed. The dimensions of the joint shall match the joint of the portland cement concrete pavement. Liquid joint sealant for sawed joints shall be inserted.

If sawing is performed before the concrete has hardened, the adjacent portions of the dike shall be supported firmly with close fitting shields. The operations of sawing and inserting the liquid joint sealant shall be completed before curing the concrete.

If sawing is performed after the concrete has hardened, exposed portions of the dike in the vicinity of the joint shall be covered with another application of curing compound.

MEASUREMENT AND PAYMENT

Portland cement concrete dike will be measured and paid for by the meter as place portland cement concrete dike, the quantity to be paid for will be the length measured along the completed dike.

The contract price paid per meter for place portland cement concrete dike of the types listed in the Engineer's estimate shall include full compensation for furnishing all labor, materials (including portland cement concrete and bar reinforcement), tools, equipment, and incidentals, and for doing all the work involved in constructing portland cement concrete dike, complete in place, as shown on the plans and as specified in these specifications and the special provisions, and as directed by the Engineer.

Full compensation for any necessary excavation, backfill, and preparation of the area shall be considered as included in the contract price paid per meter for types of place portland cement concrete dike involved and no additional compensation will be allowed therefor.

10-1.525 DISPOSAL OF PORTLAND CEMENT CONCRETE (PCC) PAVEMENT GROOVING AND GRINDING RESIDUES

Disposal of portland cement concrete (PCC) pavement grooving and grinding residues shall be in conformance with the provisions in Section 42, "Groove and Grind Pavement," of the Standard Specifications and these special provisions.

The Contractor shall include water pollution control measures to address the handling of the grinding pavement residue within the Storm Water Pollution Prevention Plan or Water Pollution Control Program, as specified in "Water Pollution Control" of these special provisions.

Temporary storage of PCC pavement grooving and grinding residues shall not be allowed within the highway right of way. The Contractor may transport liquid PCC pavement grooving and grinding residues to an offsite drying location if the Engineer provides written approval. The offsite drying location shall be identified and protected in conformance with "Water Pollution Control" of these special provisions.

A Materials Information Handout is not available for disposal of PCC pavement grooving or grinding residues. The Contractor shall dispose of PCC pavement grooving and grinding residues in conformance with the provisions in Section 7-1.13, "Disposal of Material Outside of the Right of Way," of the Standard Specifications. The facilities listed below were permitted by Regional Water Quality Control Board (RWQCB) or other agencies that may accept PCC pavement grinding and grooving residues as of July 1, 2004. If the Contractor is planning to use one of these sites, the Contractor shall determine if the facility has a current permit to accept PCC pavement grooving and grinding residues and if the facility can accept the waste at the time of generation.

SITE NAME	LOCATION	TELEPHONE	WASTE TYPES / RESTRICTIONS
Clean Harbors Environmental Services Buttonwillow	2500 West Lokern Road Buttonwillow, CA	(562) 432-5445	Hazardous Solids and Non-Hazardous Liquids and Solids
Clean Harbors Environmental Services San Jose	1021 Berryessa San Jose, CA	(408) 451-5000	Hazardous and Non-Hazardous Liquids
Crosby & Overton, Inc.	1610 W. 17th Street Long Beach, CA	(562) 432-5445	Hazardous and Non-Hazardous Liquids
D/K Environmental	3650 East 26th Street Vernon, CA	(323) 268-5056	Hazardous and Non-Hazardous Liquids and Solids
DeMenno-Kerdoon	200 N. Alameda Street Compton, CA	(323) 268-5057 (310) 537-7100	Hazardous and Non-Hazardous Liquids and Solids
Filter Recycling Services, Inc.	180 West Monte Avenue Rialto, CA	(909) 424-1630	Hazardous and Non-Hazardous Liquids
K-Pure Water Works	8910 Rochester Ave Rancho Cucamonga, CA	(909) 476-2308	Non-Hazardous Liquids
Liquid Waste Management McKittrick	56533 Highway 58 McKittrick, CA	(559) 386 - 6104	Non-Hazardous Liquids and Solids
Onyx Environmental Services LLC	1704 W. First Street Azusa, CA	(626) 334-5117	Hazardous and Non-Hazardous Liquids and Solids
Phibro-Tech, Inc.	8851 Dice Road Santa Fe Springs, CA	(562) 698-8036	Hazardous and Non-Hazardous Liquids and Solids
Romic Environmental Technologies Corporation	2081 Bay Road East Palo Alto, CA	(650) 324-1638	Hazardous and Non-Hazardous Liquids
Seaport Environmental	700 Seaport Boulevard Redwood City, CA	(650) 364-8154	Non-Hazardous Liquids
Southwest Treatment Systems, Inc.	4120 Bandini Boulevard Los Angeles, CA	(800) 900-3366	Non-Hazardous Liquids
US Filter Recovery Services, Inc.	5375 S. Boyle Avenue Vernon, CA	(323) 277-1495	Hazardous and Non-Hazardous Liquids and Solids
Waste Management Kettleman City	35251 Old Skyline Road Kettleman City, CA	(559) 386 - 6104	Hazardous and Non-Hazardous Liquids and Solids

If the Contractor disposes of PCC pavement grooving and grinding residues at locations not listed above, the disposal shall be in conformance with the provisions in Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the Standard Specifications, and the following:

1. If the disposal facility is located within the State of California, the facility must be permitted by the RWQCB or other applicable agency, or the Contractor must obtain written approval from the RWQCB or other applicable agency.
2. If located outside of the State of California, the facility must be permitted by the applicable local, state, or federal agencies, or the Contractor must obtain written approval from the applicable local, state, or federal agencies.

The following shall be delivered to the Engineer at least 5 days before disposal of PCC pavement grooving and grinding residues:

1. The name, address, and telephone number of the disposal facility.
2. If the facility is not listed above:
 - A. Copy of the facility's RWQCB or other applicable agency permit, or
 - B. RWQCB's or other applicable agency's approval, or
 - C. Copy of the applicable agency permit if the final disposal location is located outside of the State of California.

The Contractor shall deliver landfill receipts and weight ticket of disposal of residues from PCC pavement grooving and grinding to the Engineer within 5 days of completing of PCC pavement grooving and grinding activities.

The Contractor shall make all arrangements and agreements for the disposal at the time of bidding. Costs related to obtaining approval for disposal within the State of California from the RWQCB or other applicable agency, or the applicable agency if the disposal location is located outside of the State of California, shall be borne by the Contractor and no additional payment shall be made therefore. Full compensation for all costs involved in disposing of PCC pavement grooving or grinding residues as specified in this section, including all costs of handling, temporary storage, hauling and disposal fees, shall be considered as included in the price paid for the contract item of work involving PCC pavement grooving or grinding residues and no additional compensation will be allowed therefore.

ENGINEER'S ESTIMATE**03-0C7704**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	038484	650 MM PLASTIC PIPELINER	M	110		
42	038485	800 MM PLASTIC PIPELINER	M	110		
43	038486	900 MM PLASTIC PIPELINER	M	62		
44 (S)	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	M2	19 900		
45	153214	REMOVE CONCRETE CURB	M	310		
46	153225	PREPARE CONCRETE BRIDGE DECK SURFACE	M2	3612		
47	157561	BRIDGE REMOVAL (PORTION), LOCATION A	LS	LUMP SUM	LUMP SUM	
48	157562	BRIDGE REMOVAL (PORTION), LOCATION B	LS	LUMP SUM	LUMP SUM	
49	157563	BRIDGE REMOVAL (PORTION), LOCATION C	LS	LUMP SUM	LUMP SUM	
50	160101	CLEARING AND GRUBBING	LS	LUMP SUM	LUMP SUM	
51	190101	ROADWAY EXCAVATION	M3	12 600		
52	190110	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
53	194001	DITCH EXCAVATION	M3	700		
54	198001	IMPORTED BORROW	M3	14 300		
55 (S)	203001	EROSION CONTROL (BLANKET)	M2	1830		
56 (S)	038487	WOOD MULCH (EROSION CONTROL)	M3	3750		
57 (S)	203014	FIBER (EROSION CONTROL)	KG	12 000		
58 (S)	203021	FIBER ROLLS	M	2260		
59 (S)	203024	COMPOST (EROSION CONTROL)	M3	240		
60 (S)	203026	MOVE-IN/MOVE-OUT (EROSION CONTROL)	EA	6		

ENGINEER'S ESTIMATE**03-0C7704**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61 (S)	203045	PURE LIVE SEED (EROSION CONTROL)	KG	830		
62 (S)	203056	COMMERCIAL FERTILIZER (EROSION CONTROL)	KG	24 000		
63 (S)	203061	STABILIZING EMULSION (EROSION CONTROL)	KG	3000		
64	250201	CLASS 2 AGGREGATE SUBBASE	M3	4390		
65	260201	CLASS 2 AGGREGATE BASE	M3	4460		
66	260210	AGGREGATE BASE (APPROACH SLAB)	M3	45		
67	280000	LEAN CONCRETE BASE	M3	300		
68	390102	ASPHALT CONCRETE (TYPE A)	TONN	43 900		
69	394002	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)	M2	1310		
70	394040	PLACE ASPHALT CONCRETE DIKE (TYPE A)	M	21		
71	038488	PLACE PORTLAND CEMENT CONCRETE DIKE (TYPE C)	M	82		
72	394046	PLACE ASPHALT CONCRETE DIKE (TYPE D)	M	830		
73	394048	PLACE ASPHALT CONCRETE DIKE (TYPE E)	M	1520		
74	038489	PLACE PORTLAND CEMENT CONCRETE DIKE (TYPE F)	M	74		
75	038490	PLACE PORTLAND CEMENT CONCRETE DIKE (TYPE E)	M	5860		
76	401000	CONCRETE PAVEMENT	M3	33 900		
77	038491	CONCRETE PAVEMENT (PCC W/REINFORCEMENT)	M3	87		
78	401082	SHOULDER RUMBLE STRIP (PCC, GROUND-IN INDENTATIONS)	STA	140		
79	401108	REPLACE CONCRETE PAVEMENT (RAPID STRENGTH CONCRETE)	M3	1000		
80	404092	SEAL PAVEMENT JOINT	M	41 300		

ENGINEER'S ESTIMATE**03-0C7704**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81	404094	SEAL LONGITUDINAL ISOLATION JOINT	M	260		
82	415101	CRACK EXISTING CONCRETE PAVEMENT	M2	41 700		
83	510087	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE R)	M3	435		
84 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	M3	44		
85	510510	MINOR CONCRETE (INVERT PAVING)	M3	37		
86 (F)	510535	MINOR CONCRETE (HEADWALL)	M3	9.5		
87	510800	PAVING NOTCH EXTENSION	M3	7.4		
88	515041	FURNISH POLYESTER CONCRETE OVERLAY	M3	83		
89 (F)	515042	PLACE POLYESTER CONCRETE OVERLAY	M2	3612		
90	519117	JOINT SEAL (MR 30 MM)	M	65		
91	519120	JOINT SEAL (MR 15 MM)	M	108		
92 (F)	560218	FURNISH SIGN STRUCTURE (TRUSS)	KG	20 500		
93 (S-F)	560219	INSTALL SIGN STRUCTURE (TRUSS)	KG	20 500		
94 (S)	561013	1372 MM CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	M	5.5		
95 (S)	561015	1524 MM CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	M	14		
96	566011	ROADSIDE SIGN - ONE POST	EA	28		
97	566012	ROADSIDE SIGN - TWO POST	EA	3		
98	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	38		
99	650069	450 MM REINFORCED CONCRETE PIPE	M	37		
100	664003	200 MM CORRUGATED STEEL PIPE (1.63 MM THICK)	M	3		

ENGINEER'S ESTIMATE**03-0C7704**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
141 (S)	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	11		
142 (F)	839718	CONCRETE BARRIER (TYPE 732R)	M	637		
143 (S)	840559	100 MM THERMOPLASTIC TRAFFIC STRIPE (RECESSED) (BROKEN 5.18 M - 2.14 M)	M	200		
144 (S)	038496	200 MM THERMOPLASTIC TRAFFIC STRIPE (RECESSED)	M	950		
145 (S)	840572	100 MM THERMOPLASTIC TRAFFIC STRIPE (RECESSED)	M	19 400		
146 (S)	840573	100 MM THERMOPLASTIC TRAFFIC STRIPE (RECESSED, BROKEN 10.98 M - 3.66 M)	M	9520		
147 (S)	840575	100 MM TWO-COMPONENT PAINT TRAFFIC STRIPE	M	620		
148 (S)	840661	TWO-COMPONENT PAINT PAVEMENT MARKING	M2	21		
149 (S)	038497	LIGHTING (CHAIN-ON/OFF)	LS	LUMP SUM	LUMP SUM	
150 (S)	860460	LIGHTING AND SIGN ILLUMINATION	LS	LUMP SUM	LUMP SUM	
151 (S)	860990	CLOSED CIRCUIT TELEVISION SYSTEM	LS	LUMP SUM	LUMP SUM	
152 (S)	038498	FIBER OPTIC SYSTEM	LS	LUMP SUM	LUMP SUM	
153	BLANK					
154 (S)	150711	REMOVE PAINTED TRAFFIC STRIPE	M	12 800		
155	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID: _____

**REQUEST FOR SMALL BUSINESS PREFERENCE OR NON-SMALL BUSINESS
SUBCONTRACTOR PREFERENCE**

Small Business Preference:

The undersigned hereby requests small business preference and certifies, under penalty of perjury, that the firm meets the requirements of Section 1896(1), Title 2, of the California Code of Regulations, and is certified as a "Small Business" at the time and day of bid opening or has applied for certification and is subsequently certified by the Department of General Services. To further verify its Small Business status, the undersigned attaches a copy of its small business certification letter.

Date: _____

Federal Tax
Identification Number _____

Signature of Bidder

In the event Bidder has received assistance in obtaining bonding for this project, Bidder shall set forth the name and the nature of firm providing such assistance. Should the firm be listed as a Subcontractor, Bidder shall set forth the percentage of contract to be performed by the Subcontractor.

FIRM: _____

Subcontractor: Yes _____ No _____ Percentage _____

NOTE:

- Bidder must also fill in and sign the signature page of the proposal.

Non-Small Business Subcontractor Preference:

The undersigned hereby requests non-small business subcontractor preference and notifies the Department that it commits to subcontract at least 25 percent of its bid amount with one or more firms that meet the requirements of Section 1896(1), Title 2, of the California Code of Regulations, and such firms are certified as "Small Business" at the time and day of bid opening or have applied for certification and are subsequently certified by the Department of General Services.

Date: _____

Federal Tax
Identification Number _____

Signature of Bidder

In the event Bidder has received assistance in obtaining bonding for this project, Bidder shall set forth the name and the nature of firm providing such assistance. Should the firm be listed as a Subcontractor, Bidder shall set forth the percentage of contract to be performed by the Subcontractor.

NOTE:

- Bidder must also fill in and sign the signature page of the proposal.

CALTRANS BIDDER - DVBE - INFORMATION

This information may be submitted with your bid proposal. If it is not and you are the apparent low bidder or the second or third low bidder, it must be submitted and received at the Department of Transportation, 1120 N Street, Room 200, MS #26, Sacramento, California 95814 no later than the time specified in the Special Provisions.

DISTRICT-CO.-RTE.-K.P.: _____
DISTRICT-CONTRACT NO.: _____
BID AMOUNT: \$ _____
BID OPENING DATE: _____
BIDDER'S NAME: _____
DVBE GOAL FROM CONTRACT, %: _____
DVBE PRIME CONTRACTOR CERTIFICATION¹: _____

CONTRACT ITEM NO.	ITEM OF WORK AND DESCRIPTION OR SERVICES TO BE SUBCONTRACTED OR MATERIALS TO BE PROVIDED ²	FOR CALTRANS ONLY	NAME OF DVBEs (must be certified on the date bids are opened) (Indicate Second and Lower Tier Subcontractors)	DOLLAR AMOUNT DVBE
IMPORTANT: Names of First Tier DVBE Subcontractors and their respective item(s) of work listed above shall be consistent with the names and items of work in the "List of Subcontractors" submitted with bid pursuant to the Subcontractors Listing Law and Section 2-1.01, "General," of the Special Provisions. Identify Second and Lower Tier Subcontractors on this form.				Total Claimed Participation \$ _____ _____%

1. DVBE prime contractors shall enter their DVBE reference number or their DBA name as listed with Department of General Services. DVBE prime contractors will have 100 percent DVBE participation and shall not complete the above table.

2. If 100% of an item is not performed or furnished by DVBEs, describe the exact portion, including the planned location of work to be performed, of item to be performed or furnished by DVBE.

 Signature of Bidder Date

 (Area Code) Telephone Number

 Person to Contact (Please Type or Print)

 DVBE CT Bidder Information (04-13-06)-
 99)97) _____

DVBE INFORMATION
GOOD FAITH EFFORTS

Low, second low and third low bidders shall submit the following information to demonstrate that a good faith effort to meet the DVBE goal has been made if their CALTRANS BIDDER - DVBE - INFORMATION form indicates that the DVBE goal will not be met.

Even if the bidder's CALTRANS BIDDER -DVBE - INFORMATION form indicates the DVBE goal will be met, bidders should submit the following information to protect their eligibility for award of the contract. This is important because the submittal of only the CALTRANS BIDDER - DVBE - INFORMATION form will not normally provide sufficient information to demonstrate that a good faith effort was made. A bidder may not meet the DVBE goal after the submittal is analyzed by Caltrans for various reasons, e.g., if the subcontractor submitted by the bidder was not certified on the date bids were opened, or if the bidder made a mathematical error.

The following items are listed in Section 2-1.02B of the Special Provisions:

- A. The Office of Small Business and Disabled Veteran Business Enterprise Services, Department of General Services was contacted to identify DVBEs:

 Contact

 Dates of Contact

- B. The names and dates of advertisement in trade media and media focusing on DVBEs:

 Media

 Dates of Advertisement

C. The names of all potential DVBEs to whom invitations to bid were submitted:

Names of DVBEs

Dates of Submittals

D. The names of all available DVBEs who were considered for this project:

Names of DVBEs Considered

NOTE:

- USE ADDITIONAL SHEETS OF PAPER IF NECESSARY. APPROPRIATE DOCUMENTATION SUCH AS COPIES OF NEWSPAPER ADS, LETTERS SOLICITING BIDS, AND TELEPHONE LOGS SHOULD ACCOMPANY THIS FORM.

CONTRACT NO. 03-0C7704
REVISED PER ADDENDUM NO. 1 DATED APRIL 13, 2006

CALTRANS BIDDER - SMALL BUSINESS SUBCONTRACTOR - INFORMATION

If you are applying for the Non-Small Business Subcontractor Preference, this information may be submitted with your bid proposal. If it is not, it must be submitted and received at the Department of Transportation, 1120 N Street, Room 200, MS #26, Sacramento, California 95814 no later than the time specified in the Special Provisions.

DISTRICT-CO.-RTE.-K.P.: _____
DISTRICT-CONTRACT NO.: _____
BID AMOUNT: \$ _____
BID OPENING DATE: _____
BIDDER'S NAME: _____

CONTRACT ITEM NO.	ITEM OF WORK AND DESCRIPTION OR SERVICES TO BE SUBCONTRACTED OR MATERIALS TO BE PROVIDED ¹	FOR CALTRANS ONLY	NAME OF SMALL BUSINESS SUBCONTRACTORS (Indicate Second and Lower Tier Subcontractors)	DOLLAR AMOUNT
IMPORTANT: Names of First Tier Subcontractors and their respective item(s) of work listed above shall be consistent with the names and items of work in the "List of Subcontractors" submitted with bid pursuant to the Subcontractors Listing Law and Section 2-1.01, "General," of the Special Provisions. Identify Second and Lower Tier Subcontractors on this form.				Total Claimed Participation \$ _____ _____%

1. If 100% of an item is not performed or furnished by Small Business subcontractors, describe the exact portion, including the planned location of work to be performed, of item to be performed or furnished by Small Business subcontractors.

 Signature of Bidder Date

 (Area Code) Telephone Number

 Person to Contact (Please Type or Print)

Small Bus Sub CT Bidder Information (04-10-06)-

CONTRACT NO. 03-0C7704
 ADDED PER ADDENDUM NO. 1 DATED APRIL 13, 2006